



1519 Mechanical Tank Top Gauge with Level Alarm Relay Output

SPECIFICATION SHEET

Application

Designed for installation on top of horizontal and vertical tanks up to 25' in height, the 1519 mechanical tank gauge provides a readout in feet and inches and includes a single liquid level set point to activate an external alarm box.

Features and Details

- Viewable up to 25' in tank height
- Readout in feet and inches
- Easy to read from wide viewing angle
- Easy to install and calibrate
- Installs through 2" schedule 40 pipe or 2" tank bung
- Vapor tight to allow for standard tank pressure testing and sealing up to 5 PSI
- Vapor is contained from viewing area to prevent lens fogging
- **1519M**...metric versions available to mount on top of horizontal and vertical tanks up to 7 meters (23') in height, providing readouts in centimeters

Gauge with Relay Output

- Desired alarm level is set within gauge head
- Alarm level setting can be verified
- The level alarm relay output wiring from the gauge has to be connected to an external alarm box (*sold separately*). Options include the 918 series and 918AC series alarm boxes.

Battery Power Module

- Can be installed in any convenient location
- One 3.6 volt lithium AA replaceable battery
- Anticipated battery life is 4 years
- Low battery light indicator



Battery Power Module

1519



Alpha Wire 77112
(required and sold separately)



Standard Float



Drop Tube Float

Alarm Options (sold separately)



918 Series Alarm Boxes

AND



918AC Series Alarm Boxes



MORRISON BROS. CO.

Materials of Construction, Code Compliance, and part numbers on next page...



Alpha Wire 77112 (required cable for connecting gauge to Battery Power Module)*

- 5 Conductors
- 22 AWG (7/30 Stranded) tinned copper
- Foil shield with drain wire
- Temperature range: -50 to 150C

*Wire needs to be purchased to connect a 1519 gauge to the Battery Power Module.

Separate wire is required from the gauge to external alarm. See external alarm specifications for wire requirements.

Materials of Construction

- Body... Cast aluminum
- Gears and gear cogs... Acetal
- Hardware (including captive screws on front cover)... Stainless steel
- Float... Stainless steel
- Cable... Stainless steel
- Spring... 301 stainless steel
- Shaft bushing... Stainless steel
- O-ring... FKM
- Lens cover... Acrylic
- Power module enclosure... Polyester fiberglass

Code Compliance

UL/cUL 913; Florida DEP EQ-942

Item Number	Description	Float	Length
1519--2500 AG	Mechanical tank top gauge with alarm relay, angled face	Standard	0-25'
1519--2550 AG	Mechanical tank top gauge with alarm relay, vertical face	Standard	0-25'
1519--2510 AG	Mechanical tank top gauge with alarm relay, angled face	Drop Tube	0-25'
1519--2515 AG	Mechanical tank top gauge with alarm relay output, vertical face	Drop Tube	0-25'
1519M-7000 AG	Metric mechanical tank top gauge with alarm relay, angled face	Standard	0-700 CM
1519M-7050 AG	Metric mechanical tank top gauge with alarm relay, vertical face	Standard	0-700 CM
1519M-7010 AG	Metric mechanical tank top gauge with alarm relay, angled face	Drop Tube	0-700 CM
1519M-7015 AG	Metric mechanical tank top gauge with alarm relay, vertical face	Drop Tube	0-700 CM

Alpha Wire 77112 (required cable)

Item Number	Description	Length
1519--0015 CC	Five-conductor shielded cable	15'
1519--0025 CC	Five-conductor shielded cable	25'
1519--0050 CC	Five-conductor shielded cable	50' (spool)
1519--0100 CC	Five-conductor shielded cable	100' (spool)
1519--0200 CC	Five-conductor shielded cable	200' (spool)

